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AUGERTORQUE
EARTHMOVING ATTACHMENTS
A KINSHOFER COMPANY

THE PRO FESSIONAL

The Official Newsletter of the KINSHOFER GROUP

**KINSHOFER ACQUIRES
AUGER TORQUE GROUP**

COMPANY NEWS

KINSHOFER Australia

Hillhead Show in the UK

ISRI 2014 in Las Vegas

PRODUCT NEWS

Earth Drilling Tools

Re-Handling Buckets

Mobile Shears

Tiltrotators

Custom Units



Here we go again!



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Thomas Friedrich, Managing Director

Springtime is the powerful start-up "par excellence", time of predictions, time for new investments. It makes us forget the construction industry's suboptimal development end of 2014 and focus forward to what will be in 2015. Indeed, the Central Association of the German Construction Industry and the Federation of the German construction industry predict a positive development and a net growth of 2%. No poor prospects.

With the acquisition of the Anglo-Australian company Auger Torque in February the KINSHOFER Group has not only bought a producer of proven augers, but the more a whole range of products for „Earth Moving“ plus a grown sales structure, whose staff operates successfully worldwide already.

Synergy effects ahead. Thus KINSHOFER is well prepared for 2015 and for a lot of growth. What are your preparations for the new season?

If you as a construction company or as a seller do not want to miss the trend, just come to KINSHOFER: We can grant that you start off in the race well placed and perfectly equipped with high quality and reliable attachments. We make efficiency and economy possible. And the success of our customers tells us we are right. Less failure and maintenance time over decades have led to a sentence, we often and repeatedly hear from them:

„I cannot afford less quality!“

In this second edition of our newsletter for international users and construction traders, users describe their success with some new attachments from our product range in several job reports. This product range has become so large, that it can satisfy merely every requirement. Further, we have also listened carefully to the comments on proven attachments and have invested consequently in their amelioration. As last year, the reports derive from german sites and again from most different locations on this planet, because KINSHOFER quality continues to convince everywhere.

KINSHOFER attachments ... upfront everywhere!

The KINSHOFER Group - this is the KINSHOFER GmbH with headquarters in Germany, Demarec B.V. with its base in Holland, the Swedish RF System AB, Auger Torque Europe Ltd. and Auger Torque Australia Pty Ltd. While KINSHOFER is offering a wide range of crane and excavator attachments for almost every task, Demarec is a specialist for demolition and recycling tools for excavators. RF System has been known for its dedicated attachments for cable and hose works, earth moving and especially attachments for railway construction and maintenance. Auger Torque is offering a wide product range of high-quality attachments such as earth drills and augers or trenchers. Together, the companies form the KINSHOFER Group and are thus able to provide their customers a comprehensive product range of mechanical and hydraulic attachments for cranes and excavators - worldwide.

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01 Company News



KINSHOFER GmbH acquires Auger Torque Group

KINSHOFER GmbH from Germany and the UK based company Auger Torque Europe Limited announced today that they have signed a definite agreement to merge. Under the terms of the agreement **KINSHOFER** has acquired 100% of the shares of Auger Torque Europe Ltd. and Auger Australia Pty Ltd.

For over 40 years, **KINSHOFER** has been a leading manufacturer of attachments for truck mounted cranes and excavators, consistently developing its product range in both, the crane and excavator markets to become a competent partner for OEM's and OED's. Previous acquisitions of Demarec B.V. (Holland), Aponox OY (Finland) and RF System AB (Sweden) were other important milestones of this development.

The acquisition of Auger Torque is significant for **KINSHOFER** in two ways; first it adds new product segments, Earth Drills, Trenchers and other Skidsteer Loader Attachments to **KINSHOFER**'s already very comprehensive offering



*L-R: Wendy and Alister Rayner, founders of Auger Torque, with Thomas Friedrich, CEO of the **KINSHOFER** GmbH, after the signing*

and secondly, it opens a very important distribution channel for **KINSHOFER**'s attachments. This way **KINSHOFER** will be even closer to its customers in the UK, Australia, U.S.A. and China. With this move, **KINSHOFER** further demonstrates its commitment to being a global leader in attachments for the crane and excavator industry.

The 1998 established family business put its focus on the development and marketing of tools and equipment which make carriers such as loader cranes, excavators and skid steer loaders more effective and versatile, particularly important for small and mid-size contracting businesses seeking high utilization of their machinery. With an extremely committed and well educated workforce, Auger Torque will continue to develop and sell its products worldwide. In particular the new factory in China, which opened in 2014, has increased capacity for further growth. Its strategic location, combined with regional manufacturing and technical facilities, supports customers around the globe. In order to meet the current market requirements, Auger Torque and **KINSHOFER** will immediately recruit more staff in order to be able to ensure a swift and professional market launch of the companies' products within either sales organization.

Thomas Friedrich, Managing Director of **KINSHOFER**, said: "**KINSHOFER** continues its strategy to provide the industry with a "One-Stop-Shop" solution of outstandingly engineered products to increase efficiency and, more importantly, profitability of its customers".



Alistair Rayner, founder of Auger Torque as well as Alistair Brydon, Managing Director commented: “The concentration of knowledge and competence will form a powerful centre for future developments customers can only benefit from. In particular the combination of both product ranges will create more groundbreaking innovations for the industry. We are very excited to be part of this mutual future.”

KINSHOFER’s and Auger Torque’s employees are working on the rapid integration to provide customers worldwide with their comprehensive range of products and services. To that end, the US-location of Auger Torque will merge with KINSHOFER USA to support the customers with joint forces to achieve the best results for the clients.

At the other end of the world, KINSHOFER Australia will tightly work together with Auger Torque Australia to cover the entire continent from Brisbane to Perth and Melbourne to Darwin.

The headquarter in the UK will keep providing its service to the European customers, of course, together with KINSHOFER GmbH.

Furthermore, KINSHOFER is very pleased that, Alistair Rayner will remain with the company and will play a major role in the organization.



01 Company News

INTRODUCTION 

KINSHOFER Australia

KINSHOFER now also down under

KINSHOFER GmbH is pleased to announce the grand opening of KINSHOFER Australia, based in Sydney Australia.



Brendan Refalo, KINSHOFER Australia, and Thomas Friedrich, KINSHOFER GmbH, at the German headquarters in Waakirchen/Marienstein

Brendan Refalo and Kim Baumgartner will be running the branch. Brendan approached KINSHOFER GmbH looking to buy a NOX to fit to his machine. Delighted by KINSHOFER's quality and high tech ambitions he offered his knowledge and experience to open a branch in Australia.

Brendan is a Plant Mechanic by trade and has an extensive mechanical aptitude. He was previously employed by Komatsu Australia as a leading hand for Komatsu's used equipment department. Kim was also employed by Komatsu Australia - as a Senior Spare Parts agent. Together they have opened their own excavation company.

Brendan was invited to Germany in June 2014 to meet with KINSHOFER's CEO Thomas Friedrich and the team, sharing product knowledge and experiences. Together they attended the Hillhead show in England and Brendan was able to meet with most of the product managers along with the KINSHOFER UK Team. He then returned to Germany for an intensive product training with the leading Engineers.

Brendan said "I am very happy with the quality of the attachments and the workmanship shown in the factory, truly built for the professionals."

KINSHOFER Australia will be pushing the NOX Tiltrotators, CMX quick hitches, railway attachments, general construction attachments, demolition and scrap processing tools as main focus points of the wide range of KINSHOFER's crane and excavator attachments.

KINSHOFER Australia – today moving forward with every step, tomorrow ... upfront everywhere



M & V Veit Baumaschinen tops up rental park



Peter Kreipl (left) and Volker Veit at the handover of the 10 KINSHOFER Clamshell Buckets for the rental park of M & V Veit Baumaschinen

The company M & V Veit Baumaschinen has provided excavators with tools of the Upper Bavarian manufacturer for attachments KINSHOFER GmbH in its rental park for a long time already.

M & V Veit Baumaschinen, located in Filderstadt, Germany, is specialized in the renting, the sales and the service of construction machines. In doing so, the company does not only rent KINSHOFER-attachments, but also markets the complete product range very successfully in this area.

The longstanding and mutually more than satisfying cooperation has lately been given proof of again:

M & V Veit Baumaschinen has currently purchased 10 KINSHOFER clamshell buckets for its rental fleet. There are excavating buckets of different sizes and versions, with hydraulic cylinder als well as with the cylinderless and maintenance-free HPX-drive.

Peter Kreipl, KINSHOFER sales manager for excavator attachments in Germany, insisted on delivering the clamshell buckets personally, of course.

Moritz and Volker Veit, CEOs of M & V Veit Baumaschinen, have been loyal customers of KINSHOFER for years already and are swearing by the product's quality. The two brothers have expanded their company to a considerable size in the last years and are guiding it under the premise of holism. The service idea comes first at M & V Veit Baumaschinen and is lived by the employees every single day. Part of it is the maintenance of all machines in the proper workshop as well as the delivery to the construction site with the own transport fleet. The 24-hour service, providing help to the clients twenty-four-seven, is rounding out the service portfolio.

There is just one thing left to say for the KINSHOFER GmbH:

Thank you for the magnificent cooperation!

01 Company News

REPORT 

KINSHOFER Australia Gets a Grab on Things with 7 x P40's

Product Info P40VHD:

Orange peel grab with 4 or 5 tines and 600 l / 0.78 c.y. or 800 l / 1.05 c.y. volume for the handling of bulky scrap with excavators from 26t / 57200 lbs to 40t / 88000 lbs operating weight - for heavy duty tasks.

+ Available in two different volumes and diverse tine profiles (see technical drawings below).

+ Hydraulic cylinders are fitted with replaceable piston rod protection and are hydraulically cushioned.

+ Oil distributor with integrated non-return valve mounted directly underneath the rotator.

+ Oil distribution and hydraulic hoses are protected in the carrier.

+ Greasing points are easily accessible.

+ Reinforced tines made of wear-resistant steel HB 400.

+ Weld-on tips made of high resistant forged and tempered steel HB 500.

+ High closing force 38 kN / 8360 lbf at an Operating pressure of 35 MPa / 5040 psi.

+ Accurate fittings eliminate tine distortion, solid end stops (open & close).

+ Reinforced bolts, large bearing surface for bolts, specially coated solid steel bushings.

+ Robust, fully integrated rotation with sturdy slewing ring with internal hoses guarantees optimum force transmission and prevents hose break. The integrated pressure relief valve protects against overcharge.

+ Swivel and bevel sealed. Rotary feedthrough and motor accessible directly.



Tony Ditrih, Sell and Parker, and Brendan Refalo, KINSHOFER Australia, in front of the P40VHD orange peel grabs, that had just arrived from Germany

KINSHOFER Australia is proud to announce the first major delivery to Sell and Parker based in Sydney. Sell and Parker have a long history in the scrap business. Established in 1966, they have grown into a well known name in the scrap industry across Australia. With 8 recycling yards there is a high demand on quality equipment to perform.

Tony Ditrih is the maintenance manager for Sell and Parker. Tony has been with the company since 1997 and has over 20 years of experience under his belt. He was the first person to purchase a KINSHOFER P36V orange peel grab in Australia. Around 7 years ago, he said "I can't even remember where I brought it from, I had nothing to do one weekend so I had a drink and a smoke and found the KINSHOFER grab so I gave it a go".

Since then he has been amazed with the performance the KINSHOFER grabs deliver. "I am very surprised how the P36 was performing. It was outlasting other competitors' brands, so I put it to the test. I had the KINSHOFER go around the yard from the heavy material area to the general scrap area, it has been fitted to a Liebherr's, Sennebogen's, and the Searam and still had no major problems. It stood up to all the tests and is still working in the heavy material section 10 hours a day, 6 days a week. In 7 years I only had to change the rotator, it still has the original fingers."

Sell and Parker has also another set of P40VHD-800-5-T grabs. Tony said, "the P40's are performing just as well, we bought the P40's around about three years ago. Again I have been surprised with the KINSHOFER so we are changing all the grabs in the fleet to KINSHOFER now. It will help use to streamline the fleet. It's the right choice."



Tony contacted KINSHOFER Australia and placed an order for seven P40VHD-800-5-W orange peel grabs with some spare parts and upper suspensions. These units were built to order for Tony and the Sell and Parker team. They were delivered in November 2014 and have been working since day one.

This brings the total number up to 11 KINSHOFER grabs working in the Sell and Parker fleet around the country from Darwin in the Northern Territory to Port Hedland in Western Australia and in Sydney NSW. KINSHOFER Australia is proud to be working closely with Sell and Parker.

We are also developing maintenance tools to check for wear and monitor the grabs performance over time. This will help Tony and his team manage the maintenance and improve productivity.



01 Company News

SHOW REPORT 

Hillhead 2014 in Buxton, UK



Also part of the exhibited product range: the NOX Tiltrotator that attracted the interest already when entering the booth. Thanks to the cylinderless design and the completely maintenance-free construction, these tools herald an entirely new generation of tiltrotators. Due to the narrow body and the absence of protruding parts, the tool is not only ideal for tasks difficult to access, but also extremely robust.

Even the hydraulic valves are integrated in the main body. We would be happy to welcome you on one of our next shows and inform you about the latest developments of the KINSHOFER Group.

Hillhead was a huge success for KINSHOFER!

This year it was a Hillhead year again. Under the cloudy British sky and surrounded by the beautiful setting of the green hills of the Mid-Lands, the Hillhead Show 2014 had opened its gates for the over 17,500 visitors from June 24th to 26th June, 2014.

Of course, amongst the around 450 exhibitors, the company KINSHOFER had to be included.

Just as the years before, many prospects found the time to visit the Hillhead 2014 and caught up on the latest developments in the construction machinery industry.

KINSHOFER presented itself confident and was not disappointed. Many interested parties visited the booth of the manufacturer for crane and excavator attachments and got informed not only about the exhibited tools but the complete product range.

Next to the already proven and well-known tools such as the orange peel grab series or demolition and recycling attachments of the Dutch Demarec B.V. – part of the KINSHOFER Group – you could also find the huge DRS scrap shear with the DemaPower cylinder concept that provides fast cycle times for the opening and closing of the jaws of under six seconds.

New in the product range: The quick hitches and buckets.

Especially the X-Lock quick hitch safety system with rear lock drew attention of the visitors. The X-Lock advantage means greatest safety due to separately controlled hydraulic circuits. The operator has to unlock the self-locking wedge as well as the X-Lock safety knuckle separately to change the attachment. The rear lock indicator ensures that the rear pin is captured correctly by the X-Lock.

Along with the quick hitches, a wide range of buckets and ripper teeth can be provided by KINSHOFER.



Overview over the Hillhead 2014 fair ground

KINSHOFER Shines at ISRI 2014 in Las Vegas

SHOW REPORT

The most advanced technology in the mobile shear industry was on display and drawing quite a buzz in Las Vegas for the annual Institute of Scrap Recycling Industries convention. A custom-painted DRS-75-A mobile shear was the star of the show with an “angry razorback” design gaining the most attention.



“We were very happy with the great response from customers at ISRI,” said Francois Martin, general manager of KINSHOFER North America. “The ISRI organization is so critical to the recycling industry, and it’s always a great opportunity to meet and talk with so many of our customers in a relaxed setting,” Martin said.

Many of the leading scrap processors in North America stopped by to see for themselves the shear that’s changing the game with the fastest, most efficient shear in the market. It’s no secret anymore – KINSHOFER shears are making a big difference and big profits for scrap operations of all sizes. And the technology doesn’t stop at mobile shears.

Rugged scrap grapples for loading shredders; tough and proven rotating demolition sorting grapples for moving mountains of material quickly; and processors that will crush motor blocks and cast products more safely and efficiently than ever before.

“For the first time, customers in the North American scrap industry can really expect more out of their equipment,” said Martin. “That’s what we bring to the table. Things like processing speed and ease of maintenance – we’re really proud of what we’ve done to innovate and advance the technology customers should expect from their investment. We’re looking for ways to add value for customers every day, and the key to our future is continual development and improvement.”

For ISRI members making the trip to the 2015 show in Vancouver – we’ll see you there!



DRS Design Examples

01 Company News

SHOW REPORT 

The BIG 5 2014 in Dubai



In November 2014, the Dubai World Trade Center hosted the largest BIG 5 show ever. More than 80,000 industry professionals and other interested parties visited the almost 3,000 exhibitors from all over the world to get informed about the latest developments on the market.

The exhibition hall ‚Zabeel‘ had been reserved for the Bavarian participation exclusively, and so it was no surprise that KINSHOFER could be found there, too.

In cooperation with the KINSHOFER dealer for U.A.E., Bassam Badwan, the Bavarian construction machinery manufacturer presented itself with some samples of its quality products:

- Brick stack grapple with side rails KM 321 for loader cranes
- Manipulator with exchangeable jaws KM 930 Special for loader cranes
- Orange peel grapple P30VHD for excavators with up to 30t operating weight

It was the first time for KINSHOFER to participate in the BIG 5 in Dubai as exhibitor and the attachments shown at the booth attracted the interest of the exhibition visitors and attendees.

The exhibited tools had been carefully chosen by the German company to meet the demands of the Arabian market, e.g. the pole and tube manipulator KM 930 Special with exchangeable jaws to be able to adapt the gripping range to the diameter of the tubes to be handled.

The excavator range was represented by the P30VHD orange peel grapple, which is mostly used for handling scrap metal and other recycling materials. The orange peel grapple is also available for excavators with up to 100t operating weight.



KM 321



KM 930 Special



P30VHD



Bassam Badwan, KINSHOFER distributor for U.A.E., at the KINSHOFER booth in Dubai

JOB REPORT



RBS Sleeper Changer

French Railway Tool Approval

Limoges, 2014 October 15th – For the certification process for our Rail/Road tools manufactured by RF-System AB in Sweden, SNCF INFRA had organized one test day on October 15th with CREM from Limoges. The available excavator UNAC 22TRR provided by CREM from Clermont-Ferrand had been equipped with a TR18NOX sandwich style CW20S. This way, it became a multi-task machine, an absolute Swiss knife for railway maintenance works.

This test campaign continued until mid-December 2014 to trial and approve the following tools:

- Sleepers changer RBS
- Ballast tamper RST 03
- Ballast Brush SKB-Ballast 15

The modifications of the RBS were presented during the test, following first trials done at Huriel near Montlucon by CREM Clermont. Besides the KINSHOFER staff there were also Stéphane Botella, responsible for railway tools from SNCF INFRA, and Didier Ronfautx, responsible for the Rail/Road tools program from Bergerat Monnoyeur.

Everybody left promising to meet again with always and even more innovative solutions !



SKB-Ballast Brush

Fact Sheet RBS Sleeper Changer:

RBS
(10-24t / 22,000-52,800 lbs) :
with ballast shield and
2 gripper elements
2,000 kg / 4,400 lbs load capacity
0-440 mm / 0-17.32 in gripping
range

New version with HPXdrive:

RBS 20
(12-24t / 26,400-52,800 lbs) :
with ballast shield and
2 gripper elements with HPXdrive
2,000 kg / 4,400 lbs load capacity
270-570 mm / 10.63-22.44 in
gripping range
bolt-on ballast buckets as option

Fact Sheet SKB-B Ballast Brush:

SKB-Ballast 10:
1,000 mm / 39.37 in length
280 kg / 616 lbs self weight

SKB-Ballast 15:
1,500 mm / 59.06 in length
350 kg / 770 lbs self weight

SKB-Ballast 20:
2,000 mm / 78.74 in length
380 kg / 836 lbs self weight

SKB-Ballast 26:
2,600 mm / 102.36 in length
420 kg / 924 lbs self weight

SKB-Ballast 30:
3,000 mm / 118.11 in length
475 kg / 1,045 lbs self weight

02 Reports

JOB REPORT

New C40HD Re-Handling Clamshell Bucket for Land Recovery Ltd in the UK

Product Info C40HD:

Durable re-handling clamshell bucket, especially for loading bulk materials for excavators from 25t / 55,000 lbs to 40t / 88,000 lbs operating weight.

- + Maximum volume due to widely spaced pivots with a flat closing curve. Protection of the ground surface is guaranteed, e.g. discharge from boat and train carriages etc.
- + Precise positioning with an integrated rotator
- + Long life is ensured due to the use of 500 HB steel in the manufacture of cutting edges. Shell back walls (standard version: 8 mm / 0.31 in, HB 400) also resist highly abrasive materials. Bearing points with specially coated bushings and hardened pins
- + With integrated rotation: Swivel and bevel sealed. Rotary feedthrough and motor accessible directly
- + Integrated non-return valve guarantees security of the load
- + Excellent digging characteristics are the result of high closing forces (57 kN / 12,540 lbf at an operating pressure of 35 MPa / 5,040 psi)
- + Here optional heavy duty (HD) version with reinforced shells



C40H

October 2014 – Land Recovery Ltd, one of UK's specialist aggregate handling and recycling companies has continued expanding its modern fleet of plant with the purchase of a new Komatsu PC 360 LC fitted with a new KINSHOFER C40HD 175 re-handling clamshell. The clamshell was delivered and installed by KINSHOFER's independent dealer for the North West, MTK (Breaker Hire and Sales) Ltd.

The heavy duty clamshell bucket, which has a 2.1 Cu M capacity, was specified with additional bolt-on horizontal and vertical wear blades to help reduce wear caused by material abrasion, a heavy duty 360 degree continuous rotation system and then fitted to the dipper end of the Komatsu PC 360 before being deployed at a Network Rail Recycling site in Cambridgeshire.

Dan Beecroft, (Managing Director) was very careful in his choice of manufacturer and the support service on offer. "Both need to be reliable" said Dan, "I cannot afford for the clamshell grab to stop the excavator working or visa-versa". Dan had dealt with MTK in the past,



Large volume for high performance - the C40HD re-handling clamshell bucket

so he knew they could be relied upon to provide him with the service required.

"As a KINSHOFER – Demarec dealer, they arranged for a full assessment of the site and the application, calculating the optimum size of clamshell for the excavator I had in mind, ...they then went one better by loaning me an attachment whilst mine was built to my specification".



Fact Sheet C40H Standard Version:

C40H-100
 (25t-40t / 55,000-88,000 lbs):
 1,240 litres / 1.62 c.y. volume
 7,000 kg / 15,400 lbs capacity

C40H-125
 (25t-40t / 55,000-88,000 lbs):
 1,540 litres / 2.01 c.y. volume
 7,000 kg / 15,400 lbs capacity

C40H-150
 (25t-40t / 55,000-88,000 lbs):
 1,850 litres / 2.24 c.y. volume
 7,000 kg / 15,400 lbs capacity

C40H-175
 (25t-40t / 55,000-88,000 lbs):
 2,150 litres / 2.81 c.y. volume
 7,000 kg / 15,400 lbs capacity

C40H-200
 (25t-40t / 55,000-88,000 lbs):
 2,460 litres / 3.22 c.y. volume
 7,000 kg / 15,400 lbs capacity

All sizes available as heavy duty version (HD) with reinforced shells

Among the key features of the C40HD clamshell is the wide pitch PCD 'slew ring' type rotation device for increased strength and stability, the use of high strength impact resistant materials which contribute to a low overall weight of the grab and the 'flat bottom' closing curve which prevents damage to railway wagons, boats and lorries. Bolt-on reversible Horizontal and Vertical wear blades protect surfaces vulnerable to abrasion, but also ensure rapid down time when being turned or replaced.



02 Reports

JOB REPORT

Screw Pile Applications by Auger Torque

Many of Auger Torque's innovations are a direct result of working with customers on projects that require expertise only years of industry experience can generate.

When Auger Torque was approached by Pilewest to procure a drive for a project they are working on in the Pilbara region of Western Australia, reliability, high performance and the flexibility to be able to work in anything from soft ground, sand & clay and even solid rock, were given as the key factors that would determine which Earth Drill would be up to the task.

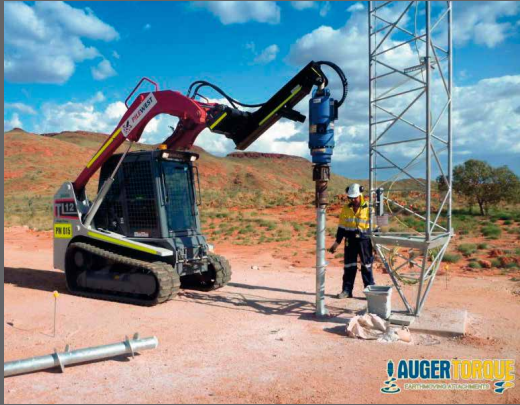
The machine used was a Takeuchi TL12 High Flow, which had enough power to run the Auger Torque Earth Drill 25,000MAX, the combination of the two created an industry first Skid Steer loader with a massive 25,000Nm of Torque.

Generally the 25,000MAX is an Earth Drill that is designed for 15-22T excavators so a custom heavy duty frame had to be designed and then fabricated in house at Auger Torque's Brisbane factory. Working on a tight time frame and the remoteness of the worksite meant that there was no margin for error, however for Auger Torques specialist staff this was never going to be a problem.

"We used the Auger Torque Earth Drill on our TL12 High Flow Skid Steer specifically to install cyclonic tie down foundations for the solar frames that will power the communication sites along a new railway line. The varying ground conditions, the remote and difficult access and extreme weather conditions are all incredibly harsh on the equipment. Our new Auger Torque Earth Drill 25,000MAX performed faultlessly and we couldn't be happier with our decision to put our trust in the brand." Steve Manning, General manager of Pilewest commented after the unit had been put through its paces for a few months.

These images were taken on site in the Pilbara region and the reports the customer sent through are not only rewarding to hear but are proof that Auger Torque's philosophy of working closely with customers and being open to special projects are the reason why the company is in its industry leading position in the Earthmoving attachments industry worldwide.

Now you're talking!



Auger Torque Goes the Extra Mile

At Auger Torque Australia we have been selling a lot of high end Earth Drills over the last few months and had the opportunity to quote a couple of set ups for Nevano Cowan of Shannon Civil to suit their 14-21T Hyundai machines. Our recommendations consisted of an Earth Drill 30,000 for the 21T machine and one of our brand new series Earth Drill 20,000 for their 14T machine.

To go with the Earth Drills Auger Torque supplied a range of Augers & Clean Out Discs ranging from 750mm, 1200mm all the way to 1500mm diameter along with a range of Extensions to get them down to the maximum 7M depth required. The project that the equipment would be used on is the construction of the foundations for a PowerLink substation and Shannon Civil will be in charge of the construction of a total of 3 stations near Miles in QLD.

Nevano Cowan went on to say: "The scope of works are to bore and pour a large number of 750mm, 1200mm and 1500mm diameter holes ranging in depth from 4-7m. I originally found out about Auger Torque via their advertising online and in magazines and after speaking with other companies in the industry I gave Auger Torque the nod. Service has been what sold me on Auger Torques product in the end, in particular I found Mark Rayner to be on the ball and his attitude towards me as the customer was great!"

At Auger Torque we pride ourselves in giving service second to none and when asked on how we performed from Nevano's first phone call, to Auger Torque installing the attachments on site he added: "Efficient and very informative, so therefore made my job easy not having to follow up as with other suppliers. The gear is working a dream and certainly is what was promised when I first spoke to Mark. Dealing with companies with this sort of expertise within their product range & the ability to understand what I required as a customer made my job easier & allowed me to concentrate setting up the site."

JOB REPORT



As with any of our borers, be it on a tiny mini loader or a 40t excavator, we believe

that set up is crucial to the ideal performance and reliability of the product and as part of that Auger Torque performed a series of flow and pressure tests on both machines prior to finalising the fabrication and delivery of the product. Of course when the product was delivered out to the worksite at Miles only a few days later the installations went off without any glitches and Nevano's boys have been enjoying hassle-free drilling since.



03 Scrap Processing

JOB REPORT

Fact Sheet DRS Mobile Shears:

- + Powerful cylinder with speed valve
- + Heavy duty bearings
- + Optimal power to weight ratio
- + Large jaw opening
- + Cutting blades turnable
- + Exchangeable piercing tip

Fact Sheet DRS-75 Scrap Shear:

DRS-75-A

(35-65t/77,000-143,000 lbs boom, 60-80t/132,000-176,000 lbs dipper):

14,270 kN / 3,139,400 lbf

cutting force

835 mm / 32.87 in jaw opening

DRS-75-B

(35-65t / 77,000-143,000 lbs):

14,270 kN / 3,139,400 lbf

cutting force

835 mm / 32.87 in jaw opening

DRS-75-C

(30-50t / 66,000-110,000 lbs):

14,270 kN / 3,139,400 lbf

cutting force

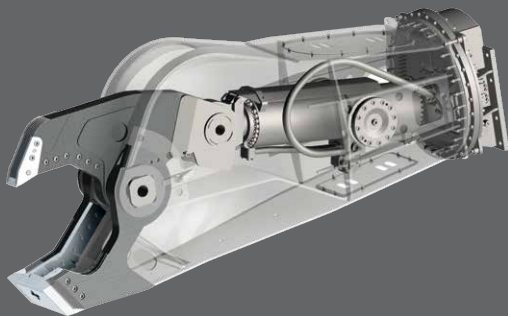
835 mm / 32.87 in jaw opening

Lorusso Heavy Equipment Introduces New Shear Line

Lorusso Heavy Equipment has introduced its new line of KINSHOFER Demolition Attachments. The German engineered KINSHOFER shear has a 360-degree rotation and was designed to deliver a shear with maximum cutting forces, quick cycle times and optimal weight to performance ratio in daily use in scrap yards and demolition sites.

The shears have a powerful cylinder with a speed valve and are fully protected in the shear body. The body of the shear is made with wear resistant, fine grained steel. It has a robust shear arm guiding system and a blade locking system in the upper and lower jaw to pick up large and heavy objects with ease. The scrap shears also are designed to reduce service and be maintenance friendly, according to the manufacturer.

According to Paul Lorusso, Lorusso Heavy Equipment vice president, "You can't surpass the quality and trust that comes with purchasing a KINSHOFER product. Their design is state of the art and is backed by excellent customer support. KINSHOFER provides us with specialized annual sales and service training in order for us to have the most up to date information to provide to our customers. We also have a large quantity of wear parts in stock to allow minimal down time. It's our goal to provide the best product and customer support to all our clients. Carrying lines such as Liebherr and KINSHOFER make it easy for us to follow through on this goal."



DRS-75



(L-R): Paul Lorusso, vice president; Gerry Carney, sales manager; and A.J. Lorusso, president, stand in front of their Liebherr excavator with KINSHOFER shear attachment



Roland Machinery and KINSHOFER Demonstrate Shear Technology in Chicago

The KINSHOFER DRS-series shears are changing how some scrap yards in Chicago look at mobile shearing technology.

Roland Machinery, the Komatsu dealer for Illinois, has mounted a DRS-60-A shear on a PC300 for their rental fleet and has been showcasing this package to multiple customers in the scrap metal industry in the Chicago area. Thanks to Wilkins Rebuilders Supply opening up their scrap yard to visitors, multiple scrap recyclers got the chance to see the speed and efficiency of the KINSHOFER shear technology as the DRS-60 cut truck frames, I-beams and other mixed heavy scrap. The shear was routinely 3 – 4 seconds faster PER CYCLE than the competitor's shear.

Now THAT is something to be proud of!



JOB REPORT

Fact Sheet DRS-60 Scrap Shear:

DRS-60-A
 (30-50t/66,000-110,000 lbs boom,
 45-65t/99,000-143,000 lbs
 dipper):
 10,990 kN / 2,417,800 lbf
 cutting force
 720 mm / 28.35 in jaw opening

DRS-60-B
 (30-50t / 66,000-110,000 lbs):
 10,990 kN / 2,417,800 lbf
 cutting force
 720 mm / 28.35 in jaw opening

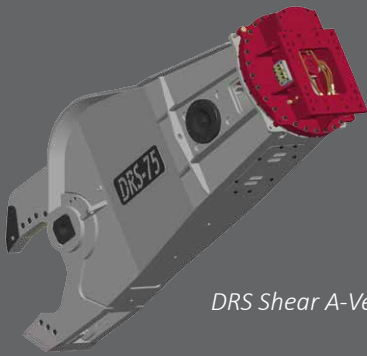
DRS-60-C
 (25-35t / 55,000-77,000 lbs):
 10,990 kN / 2,417,800 lbf
 cutting force
 720 mm / 28.35 in jaw opening

03 Scrap Processing

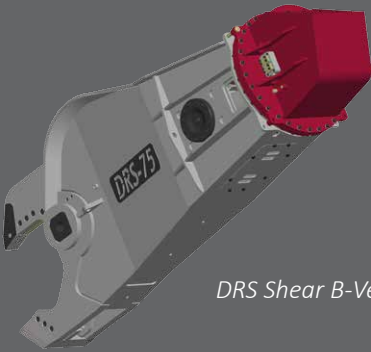
JOB REPORT

Fact Sheet DRS Scrap Shear
Versions:

- + A-Version: rotating for mount on dipper or boom with bolt-on adapter
- + B-Version: rotating for mount on boom with weld-on adapter
- + C-Version: non-rotating for mount on boom with weld-on adapter



DRS Shear A-Version



DRS Shear B-Version



DRS Shear C-Version

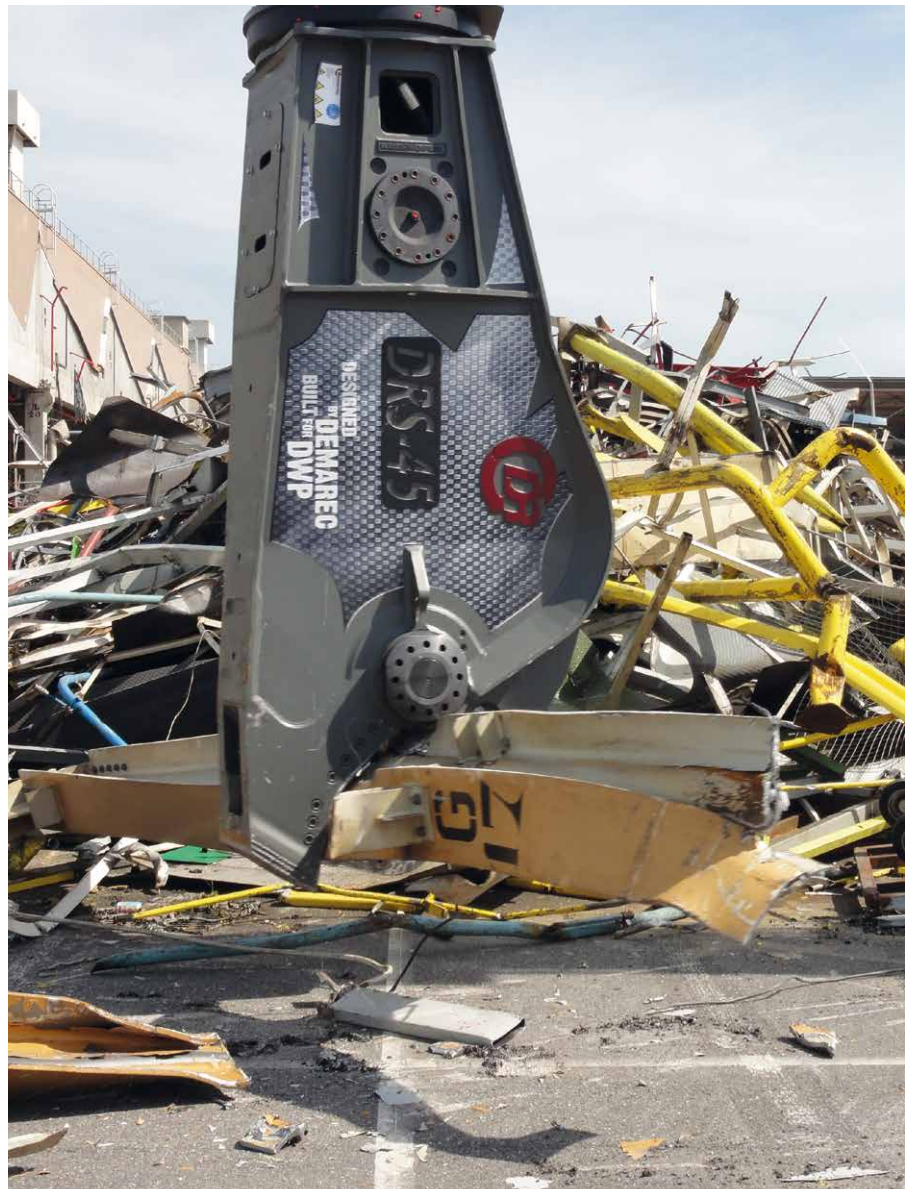
“The Perfect, Ideal and Fantastic Tool for Such a Jobsite”

One of the leaders on the demolition jobsites in Paris, the company PERREAULT has purchased a DEMAREC scrap shear in April this year, a DRS-45. It has been done in co-operation with the DEMAREC dealer for the Paris area, the company PAYEN, located in Rozay en Brie (77).

As contractor, PERREAULT has to work on demolition jobsites of 15,000 tons over a period of several months. Already being the owner of a Multi-Quick Processor with steel jaws, a MQP-60, he started the job with this machine first; but due to the required speed and efficiency, he finally decided also to invest into a dedicated equipment, a DRS-45-A scrap shear.

Already being a client of DEMAREC for many years, and thus knowing well the capacity, reliability and efficiency of the DEMAREC-range, he trusted again in this well-known trade mark.

In collaboration with PAYEN, the DRS-45 has been mounted on a LIEBHERR 954, equipped with a 15 m boom.





After a first testing, the oil flow and pressure on excavator were adjusted to obtain the best efficiency as well as the required force and speed. With a cutting force of 8,210 kN, an opening of 650 mm and a jaw depth of 540 mm, the client saw his productivity increasing by 30 %. Within only 4 months, the DRS-45 had destroyed 4,500t of various steel.

Same as the other models of the scrap and demolition shears of the DEMAREC-range, the DRS-45 is equipped with a speed valve, which improves speed and efficiency a lot. It has a perfect power to weight ratio, a strong force, larger than its competitors' one of the same weight . It can be mounted to excavators from 25 to 35t with standard boom.

According to Mr Perreault,
“The perfect, ideal and fantastic tool for such a jobsite”.

Again a justified and satisfied purchase.



04 Demolition & Recycling

JOB REPORT 

Brown & Mason Gets Attached...

Power station demolition specialist opts for KINSHOFER shears

Brown & Mason Ltd has continued its programme of investment into its fleet of plant with the purchase of four new KINSHOFER/Demarec DRS-45-A dedicated shears, delivered and installed by KINSHOFER's independent dealer for London and the South East, Mutley Plant Service Ltd.

The 4.1 ton DRS-45-A shears have been dipper mounted to Komatsu PC 490's and to Hitachi ZX 470's and deployed across a number of the sites which the company is currently operating on in the UK.

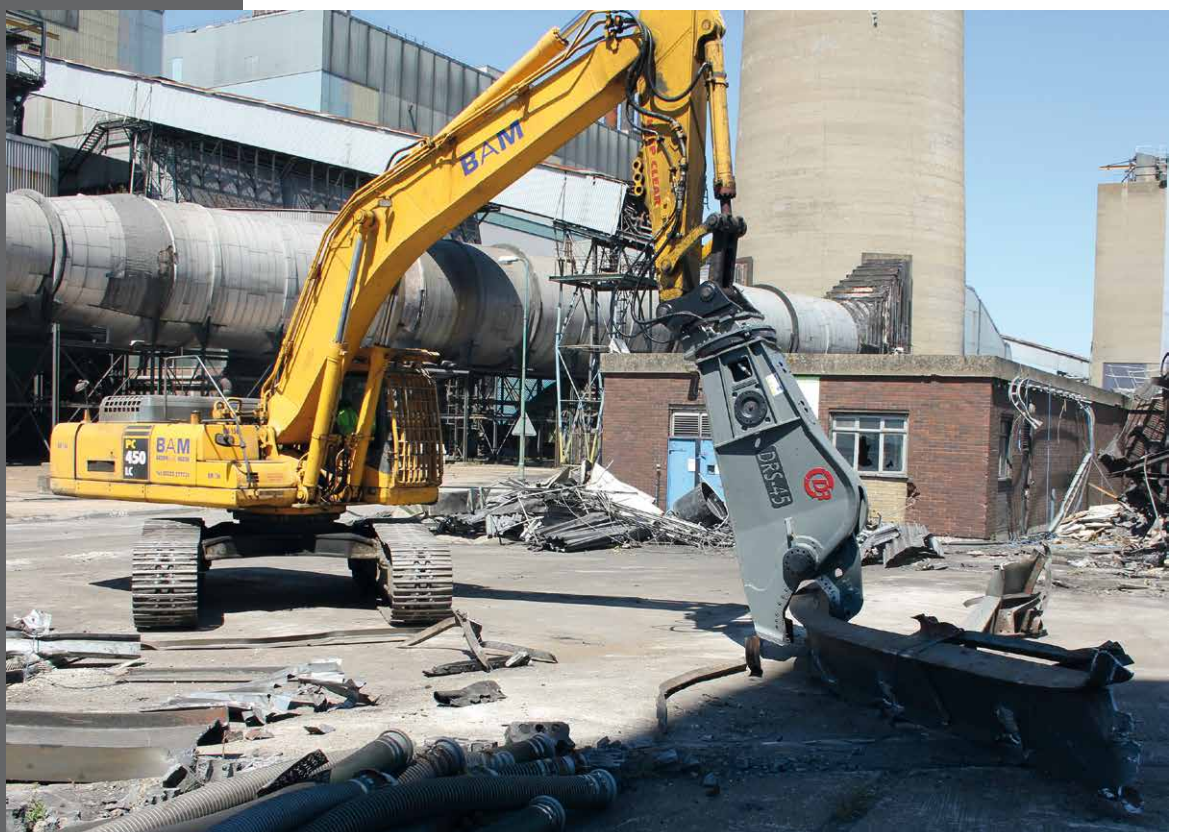
It was Lee Brown (Project Director) who first operated the DRS-45 on demonstration at the companies Kingsnorth Power Station site in Kent, and was left impressed with the performance of the KINSHOFER/Demarec product. "The first thing I noticed when operating it was how quickly the jaw opened and closed in comparison to the other shears we have in our fleet." He went on to say "The shear performed very well on demonstration, on a site like this we have a variety of structures and material sizes to test it on, and each time it tackled them with confidence."

Mutley Plant Service installed all the shears for Brown and Mason, and have entered into a repair and maintenance contract with them to ensure the shears continue to work to maximum productivity throughout their life.

The DRS range of shears has been 3 years in the design, evaluation and testing and incorporates many of the design and technological features of the company's well renowned MQP Multi-Quick Processor range.



Brown & Mason at Coryton Oil Refinery





Among the key features of the DRS-shear technology is the speed valve and cylinder design that enables maximum speed throughout the cutting cycle: opening AND closing. The design and the technology allow for cycle times in the 6 second range as opposed to the 9 to 11 second range commonly offered by other manufacturers. The power 'curve' remains constant throughout the closing cycle, providing a higher cutting force which results in an advantage of capability even with the increased jaw speed.

Also, the DRS shears trunnion mounted cylinder means that the overall length of the shear is significantly reduced, improving stability, and even allowing bigger shears to be fitted to the excavator.



04 Demolition & Recycling

JOB REPORT 



Jan Bork, CEO Bork Demolition BV Stuifzand

Demarec MQPs: Low Cost of Ownership and Low Fuel Consumption

These were the decisive factors for Bork Demolition BV Stuifzand for selecting the MQP-45

One of the leading demolition companies in the Netherlands, Bork Demolition BV Stuifzand, recently made further investments in several products from DEMAREC. In this instance, it was a Multi-Quick Processor type MQP-45 with three jaw sets – a combi-jaw, a demolition/pulverizing jaw and a steel jaw. The MQP is installed on a CAT 336 hybrid.

Bork from Stuifzand was convinced about the DemaPower-System and therefore invested in DEMAREC equipment. They were impressed with the lower levels of fuel consumption experienced while using another DEMAREC product, the DSP-30 extreme pulverizer, where the advantages of this cylinder technique were proven.

As with the DSP pulverizer, the MQP jaws are provided completely with unique exchangeable wear parts that are largely exchangeable with other DEMAREC products. When Bork started using the MQP-45 with the DemaLink-System, a spectacular video was recorded. Multi-Quick Processors are user friendly, fast and safe, and equipped with hydraulically exchangeable jaws.

Bork would like to contribute to corporate social responsibility (CSR), and by including the DEMAREC's MQP in their product portfolio, they will be able to lower their fuel consumption, therefore taking actions to be a responsible company.





MQP-C with combi-jaws



MQP-S with steel cutting jaws



MQP-P with pulverizer jaws

Review by Jan Bork:

“DEMAREC is not known as one of the cheapest suppliers. Therefore, we have taken a close look into the costs. Nonetheless, the MQP-45 is favorable in terms of power, speed and weight. These factors along with the DemaPower-System cylinder technique of the MQP have resulted in reducing fuel costs. The worn parts could be exchanged while on project location. We have calculated that the DEMAREC products are low-cost in terms of price per hour.”

The first project where the MQP-45 was brought into action was at demolition project in Assen (North Netherlands). This project involved the demolition of a nursing home with multiple floors, built in the 1960s. The demolition produced a total 12,000 tons of rubble and around 500 tons of construction and demolition waste. The combi-jaw was utilized for demolishing, while the pulverizer jaw pulverized the rubble on site.

Once all of the released debris on site had been broken up and processed into granules, the granules were applied as a foundation layer underneath the surface around the new buildings. The granules were also used on a project nearby, the A28 motorway. Again, Bork contributed to CSR by finding a suitable application locally for utilizing the released materials and thereby kept the level of transportation to a minimum.

Bork has proved to be innovative, by converting all machines and equipment to the OilQuick automatic quick coupler system. This investment contributes to increased efficiency and cost reductions in business and demolition processes.

Over the last couple of months, DEMAREC (the Netherlands) has formed an exclusive deal with this Swedish product OilQuick.

05 Tiltrotators

REPORT 

The First NOX18DF8 Including Gripper on the Dutch Market!

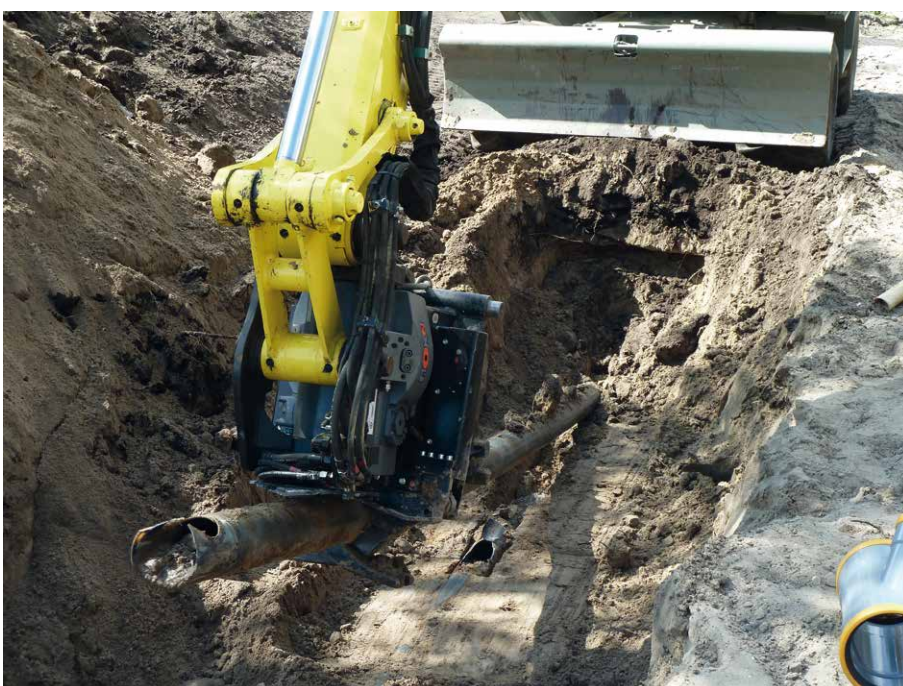
The first company in the Netherlands to start using the NOX Tiltrotator equipped completely with the newly developed gripper for the Dutch market. René Veldt, the owner of the client company, had been specifically searching for a tool which could provide more flexibility and not only perform as a tiltrotator, but additionally function as a Grab-John bucket (a bucket including gripper).

René was searching for a tiltrotator without tilting cylinders, given the lack of space at sewage projects. This was the main reason why DEMAREC and René Veldt started working together, since the NOX Tiltrotator is the only tool on the Dutch market to fulfil this requirement.

The NOX is equipped with a very compact and completely protected elliptical rotation cylinder that ensures a consistent rotation. Continuous 360° rotation and unlimited tilting angles to the left and right mean, that it is possible to reach all the holes and gaps.

DEMAREC and René Veldt undertook research into what characteristics were needed for the NOX to meet the requirements of the Dutch market. The result is an extremely robust gripper, which has one single arm on the one and one double arm on the other side. The arms have a compact design, a clamping force of 18,5 kN and an opening/depth of 730/400 mm.





Review by René Veldt:

“The NOX and the integrated gripper differentiates our company on the rental market and, most importantly, meet the needs of our clients. I am convinced that a swivel tilt-rotator without cylinder is the future.”

Safety first: the gripper is equipped with a non-return valve to work safely.

Trench digging, removing old sewage pipes, placing new sewage pipes, backfilling the trench and levelling the surface again; working with NOX equipped including gripper is a ‘piece of cake’ and completes the job without interruptions!

The New Holland City, equipped with the new NOX with gripper, is being utilized on (sewage) projects by Boskalis, one of their key clients.

05 Tiltrotators

JOB REPORT 

Easy to Work with the **NOX** Tiltrotator



The Swedish company Laxbro Construction has been around for 25 years. The company is widely known for excavation works in the southern part of Sweden, and is owned and operated by machine operator Tomas Svensson, a faithful customer to RF-System. In February 2014 he bought his first NOX.

"I was a bit unsure because it is a new product on the market. It was mainly because there is no tilt piston that made me want to test the NOX."

And he has not been disappointed:

"It tilts well and is very strong and robust."

The machine he uses is a mini-excavator Volvo ECR 38 and to it he bought a TR06NOX.

Tomas is satisfied with how well it works with the compact format that NOX offers:

"There is nothing on the NOX that protrudes. Nothing is in the way. It is completely clean on the side and that makes it easy to enter narrow trenches and small holes. It's very useful."

Much time for maintenance is not required.

"Not much to lubricate!" he says.

Right now Laxbro Construction is working on a tiling job where the NOX will come into its own. "I'm also often hired to work in gardens, where the NOX is ideal", says Tomas.

"So far, NOX is flawless! I can absolutely recommend other entrepreneurs to invest in a NOX", Tomas concludes before he sits in the machine to continue working.



Saving Time with the **NOX** in Munich

JOB REPORT



May 2013 had already marked the beginning of the excavation works realized for an OBI Hardware Store in Daglfing / Munich.

As in civil engineering, the work sequence is to be followed in a certain order and the time frame is usually tight, the time factor is an important measuring unit. By using NOX Tiltrotator from KINSHOFER, the time-intensive repositioning of the excavator is not necessary anymore, saving time and thus money.

"You are just much more mobile and faster", Florian Walter, excavator operator from the company Penzenstadler in Munich, told us. Due to the lower quick coupler, different attachments can be mounted in no time. First excavate, then position tubes, finally close and compact; with the NOX Tiltrotator no problem.

"You don't need any manual works or have to reposition the excavator all the time", Walter said. Additional attachments such as rock or sorting grabs can be mounted to the NOX Tiltrotator within seconds. The operator does not even have to leave his cabin to do so. Walter was also convinced by the interaction between the attachment and the control system.

"The control with the joysticks is perfectly adjusted with a logical composition".

When being asked about how much time he had needed to get used to the new system, the operator answered: "About half an hour, then I knew how to work with it. I guess you wouldn't need more than one day practice. If you'll need longer, you definitely have the wrong job", Walter jokes. He had been working with the NOX Tiltrotator for three weeks at that time and was more than thrilled. "The maneuverability and functionality is just top", Florian Walter added. The operator was happy and satisfied, not only with the NOX Tiltrotator, but also with the service provided by the company KINSHOFER.

At Munich's trade fair BAUMA 2013, where he could try and work with the nox Tiltrotator in the demo area of KINSHOFER's booth himself, Walter got to know and like the tool.



Thanks to the great impression the tool had on Walter, he asked his boss Sigggi Penzenstadler to get a NOX Tiltrotator. After convincing him, it did not take long and Walter presented his new acquisition on the construction site.

The trouble-free and fast working with the tool has just convinced the operator. The only thing Florian Walter was missing and proposing as an improvement for the NOX Tiltrotator was a hook.

Our answer: "The version with hook included is already available." Happy with that answer, Walter said goodbye and went back to his excavator.



Florian Walter, operator at the company Penzenstadler, here with a TR10NOX Tiltrotator at the construction site of the OBI Hardware Store in Munich Daglfing, Germany

05 Tiltrotators

REPORT 

New Version of the TR18NOX for the Forssan Ympäristöurakointi Oy

KINSHOFER delivers the first TR18NOX to Forssan Ympäristöurakointi Oy with a Likufix upper bracket and the completely new controlling system DF4. The NOX is installed to a Liebherr R918 Litronic excavator.

“The reason for buying a NOX Tiltrotator for our new Liebherr excavator was, that it was possible to equip it with a Likufix upper bracket and therefore we can now perform our work on job sites more efficiently and more versatile”, says Petteri Mikkola from Forssan Ympäristöurakointi Oy.

The new version of the TR18NOX is now available with a DF4 controlling system. This means, that the excavator is already equipped with two free double acting hydraulic circuits and a controlling system to control these circuits.

The first circuit with two hydraulic lines is for controlling the rotation function of the tiltrotator. The second circuit with two hydraulic lines is to control tilting and extra functions. The quick coupler is also controlled by this circuit.

The change between these 3 different functions in the second circuit is realized with integrated change valves on the NOX.



To control the tiltrotator functions, one free ON/OFF button for controlling the change between different functions and 2 rollers for controlling the functions in use are needed in the excavator cabin and the controlling joysticks. There is no need to change the original joysticks of the excavator.

A switch for controlling the opening and closing of the lower quick coupler of the tiltrotator will also be installed in the excavator cabin.

When the NOX is equipped with a Liebherr Likufix fully hydraulically controlled upper bracket, it is possible to release the NOX from the excavator boom, when needed, without the driver getting out of the cabin. One advantage of this kind of NOX combination is, that it is possible to use attachment tools that are not normally used in connection with tiltrotators, for example hydraulic hammers, grinders or other tools that require a lot of oil flow. In this case, the NOX converts this Liebherr excavator into a multi-use excavator with very low down times between the attachment tool changes.

Why a NOX Tiltrotator?

“We have been looking for a possibility to buy a NOX Tiltrotator for some time now. We ordered a new Liebherr excavator and found out, that it is possible to equip the TR18NOX with a Likufix coupler, and so the decision was easy. Now we have one of the most advanced tiltrotator concepts mounted to our excavator. This adds up well to our tool range for the excavators in use already, because we have the most of our attachment tools equipped with Likufix couplers”, says Petteri Mikkola, CEO of Forssan Ympäristöurakointi Oy.



“The most advanced Tiltrotator in the world”
NOX equipped with Likufix upper bracket and
Liebherr SW48 lower quick coupler

Forssan Ympäristöurakointi Oy

Forssan Ympäristöurakointi Oy operates in the southern part of Finland. They are specialized working in utilities, foundation engineering, street construction, bridge works, network building, gas pipelines and pavement building.

The company has been working with excavating work sites since 1999 and has long experience in working with different brands of tiltrotators.

At the moment, they are operating with three excavators.

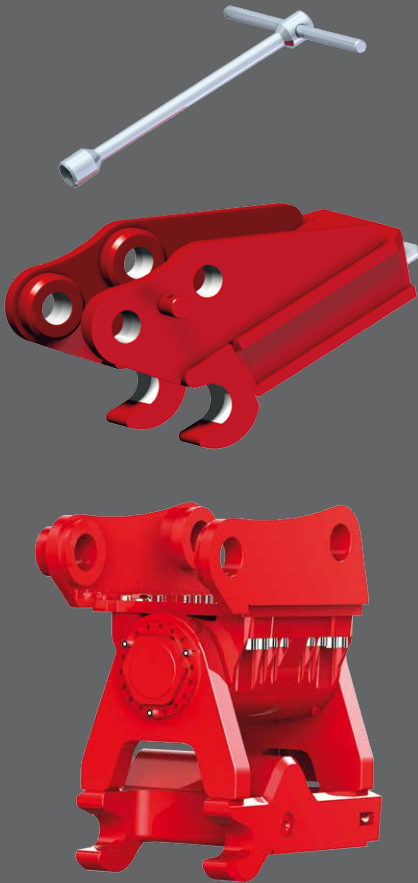
www.ymparistourakointi.com

Fact Sheet DF4 Control System:

- Two double acting circles required on the excavator
- Circle one controls the rotation and circle two manages tilt and extra function plus quick coupler
- The change between the functions in circle two is controlled by an integrated solenoid valve
- A free ON/OFF button at the existing excavator joystick is required
- The lower quick coupler is controlled by a separate security switch on the instrument board

06 Quick Hitches & Buckets

PRODUCT NEWS 



KINSHOFER Expands Coupler and Bucket Line to Include Design for German Market

Building on the success of the S-Type coupler built in Sweden by KINSHOFER subsidiary, RF System, and KINSHOFER's own X-Lock pin-grabber style coupler in the UK, France and North America KINSHOFER is now excited to announce a coupler and bucket solution for its original market, Germany.

Having long supplied specialty attachments for excavators in Germany, designing and building its own coupler system that matches quality and is compatible with the leading coupler system in the region is a natural progression. It also reaffirms KINSHOFER's philosophy of developing solutions that embraces regional preferences and requirements rather than forcing a single solution into all regions. With the introduction of the German-specific style of couplers and buckets KINSHOFER becomes the world's leading source of different excavator coupler solutions, regardless of style.

According to James Baird, Product Manager-Couplers & Buckets, "As a global company, we understand that in different regions customers have grown accustomed to particular styles and features of products, including couplers.

"While we try to improve on designs in order to offer things like greater productivity and especially safety, we understand that customers have existing inventories with which we must make our couplers compatible. We respect regional differences and work to offer the solutions that each require."

Understanding these particular preferences and requirements of the German customer, KINSHOFER's offering will include mechanical and hydraulic couplers from 0.5t-25t initially where the 1.5t through the 25t classes will be of cast steel material. Using KINSHOFER's own Rotary Actuator tilt couplers will also be offered in these classes. End-users used to the operation of mechanical and hydraulic couplers today will not experience any differences in using the KINSHOFER models.

"We are excited about some of the things we have planned for all of our couplers as we look to integrate some of the best features from each of the styles into others. In designing and building multiple styles allows us to evaluate in-depth, the best qualities that can be shared across platforms," Baird adds.

Of course couplers are only part of the solution and not very good without the ground engaging attachments they connect to. To complement the state-of-the-art couplers will also be a line of digging, ditching, and tilting buckets from the 0.5t through the 25t classes. All made of high quality materials that the market place expects, different teeth, width, and styles are available on demand. Tilt buckets will utilize either hydraulic cylinders or KINSHOFER's own Rotary Actuator based on the customer's demand.

For more information regarding the German-style coupler and bucket line please contact your KINSHOFER representative.



First ordered batch waiting for delivery

New Tilthead TMX by RF-System AB Sweden

PRODUCT NEWS

The tilthead TMX is a new product from RF-System AB that is different from the company's other tilthead. One major difference are the two single-acting pistons instead of a double-acting piston on the TMX. This results in a very low height of design.

The TMX has the same tilt speed on both sides, as compared to if one has a double-acting piston.

One big advantage is, that you have very few stored points that can loose up, thanks to the pistons are rigidly fixed in the top and the piston rods slides against the base. This gives a minimal risk of backlash.

In order to increase the quality further, RF-System AB is also using expander shafts on the tilthead TMX.

RF-System had contacted Stefan Ekvall from Bobcat Sweden AB, when the latter had bought the TMX. Bobcat Sweden AB is the general agent of Bobcat's wide range of construction equipment in Sweden. Bobcat has been the leading manufacturer and developer of compact equipment for 50 years. The company was founded in 1958.

Stefan Ekvall: "The advantage with Tilthead TMX is, that it is so small and smooth. A big plus is that you can tilt all buckets with it. Often contractors are using the same bucket because it's easier than disconnecting the hoses. The greatest advantage with the TMX is, that it is narrow. It does not weigh much and it has very compact dimensions. The tilthead TMX works great", says Stefan.



The new TMX Tilthead



06 Quick Hitches & Buckets

REPORT 

KINSHOFER X-Lock Couplers are the Solution



As is often the case these days original equipment distributors, or OED's, are faced with the challenge of selling a machine to a customer who has an inventory of old attachments that he wants to use with his new machine. Contractor Sales of Albany, NY, and Jeremy Rauf the salesman, found themselves in this situation after selling a Liebherr 964 to a customer who had multiple Cat buckets that he wanted to use on his job replacing an old bridge in Roscoe, NY, USA.

Contractors Sales had initially purchased another brand coupler to mount to the Liebherr to pick up the Cat buckets. Problem was, it didn't come as advertised and could not pick up the Cat 330CL with the "D" Linkage buckets which requires a 90mm pin in the stick and 80mm pin in the linkage.





Fortunately, Bill Liburdi, Sales Contractor's Rental Manager, had heard of the KINSHOFER-coupler before and contacted the company about their X-Lock brand coupler. KINSHOFER, using the required specifications of the D-linkage, were able to design a coupler that would mount to the Liebherr machine and also pick up the necessary attachments.



Contractor Sales showed their customer that they had his best interest in mind in providing a coupler that could be mounted to his new machine while allowing him to utilize his existing inventory.

KINSHOFER demonstrated they know the importance of providing a solution that makes their customers, the dealer, look good.



07 Custom Units

PRODUCT NEWS

The Proven Re-Handling Clamshell Bucket with vertical cylinders



The durable re-handling clamshell bucket C40VHD with vertical cylinders has been developed especially for loading bulk cargo for excavators from 18t / 39,600 lbs to 25t / 55,000 lbs or for handling excavators with 20t / 44,000 lbs to 40t / 88,000 lbs operating weight.

- Maximum volume due to widely spaced pivots with a flat closing curve. Protection of the ground surface is guaranteed, e.g. discharge from boat and train carriages etc.
- Precise positioning with an integrated rotator.
- Long life is ensured due to the use of 500 HB steel in the manufacture of cutting edges. Shell back walls (8 mm / 0.31 in, HB 400) also resist highly abrasive materials. Bearing points with specially coated bushings and hardened pins.
- Three different versions available:
 - A-Version: with open shells and 2,400 mm / 94.5 in opening
 - B-Version: with open shells and 2,600 mm / 102.4 in opening
 - C-Version: with closed shells and 2,600 mm / 102.4 in opening, especially for the handling of very finely grained goods, e.g. fertilizer
- With integrated rotation: Swivel and bevel sealed. Rotary feedthrough and motor accessible directly.
- Integrated non-return valve guarantees security of the load.
- Excellent digging characteristics are the result of high closing forces (A/B = 71 kN / 15,620 lbf or C = 65 kN / 14,300 lbf at an operating pressure of 35 MPa / 5,040 psi).



The New Heavy Duty Universal Rotation

with up to 45t axial load capacity

The new heavy duty universal rotation from the KINSHOFER Department for Special Solutions has been developed with an axial load capacity of up to 45t. It is equipped with an oil swivel with four hydraulic lines and one drain line, as well as an electric feedthrough with a seven-wire cord.

There are two motors installed in the rotation by default. As an option it can also be equipped with four motors.

The slewing ring is sealed against dirt and dust. The integrated pressure relief valve protects the rotation against pressure peaks.



PRODUCT NEWS



Inside view of the rotation

Technical Data:

Axial load capacity:	45 t
Torque:	6,000 Nm (with 2 motors) 12,000 Nm (with 4 motors)
Operating pressure:	140 - 250 bar internal: 140 bar
Weight:	620 kg (with 2 motors) 660 kg (with 4 motors)

FAIR PREVIEW 2015

as of date 28.02.2015



KINSHOFER North America
NDA 2015 Annual Convention March 21 - 24, 2015
Nashville, TN, USA - Booth # 1189



ISRI 2015 Annual Convention April 21 - 25, 2015
Vancouver, Canada



KINSHOFER Finland
Mansen Mörinät 2015 April 10 - 11, 2015
Tempere Region, Finland



MAXPO 2015 September 10 - 12, 2015
Hyvinkää Airfield, Finland



DEMAREC Demolition & Recycling Equipment
Infra relatiedagen 2015 February 10 - 12, 2015
Hardenberg, the Netherlands



Auger Torque Europe Limited
Constech 2015 March 27 - 29, 2015
IMPACT Exhibition & Convention Center, Bangkok, Thailand



Intermat 2015 April 20 - 25, 2015
Paris, France



PlantWorx 2015 June 02 - 04, 2015
Leicestershire, UK



Bauma Conexpo Africa 2015 September 15 - 18, 2015
Johannesburg Expo Center, South Africa



KINSHOFER Australia
RTAA Field Days 2015 February 25 - 26, 2015
Auburn/Clyde, Australia



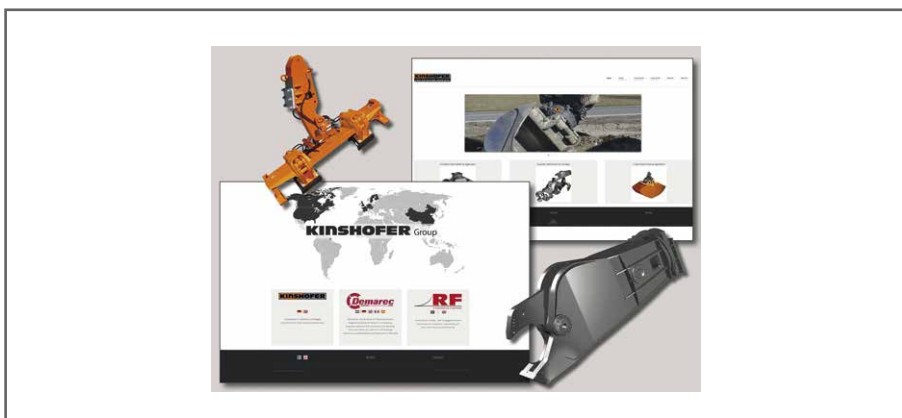
February 2015: KINSHOFER Finland is now located in Lempäälä in a newly constructed building together with Real Machinery. The company has also been renamed to KINSHOFER Finland Oy



November 2014: The KINSHOFER parent company Lifco AB is the 21st company to list at Nasdaq's Nordic main markets in 2014



September 2014: Two special dedicated attachments for the rail construction and maintenance were approved by the Deutsche Bahn Netz AG in Germany: a ballast tamper and a rail sleeper changer



July 2014: KINSHOFER launches new website

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